	exchange with STD facility during 1992-93.
Forbesganj	Automatic exchange is planned to be converted into electronic exchange during 8th Plan.
Raniganj	Automatic exchange is planned to be converted into Electronic Exchange during 1992-93.

Power and Non-Conventional Energy Sources

3034. SHRI SYED SHAHABUDDIN: Will the Minister of POWER AND NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) the brief particulars of central and centrally sponsored schemes for development and application of non-conventional energy sources;

(b) the total estimated generation capacity installed in the country for generation of power from non-conventional sources as on December 31st, 1991;

(c) the total allocation and expenditure by various States, scheme-wise, for each of the last three years; and

(d) the physical targets achieved during 1990-91 and 1991-92 and to be achieved up to December 31, 1992, Scheme-wise?

THE MINISTER OF STATE OF THE MINISTRY OF POWER AND NON CONVENTIONAL ENERGY SOURCES (SHRI KALP NATH RAI): (a) and (b). The Department of Non-Conventional Energy Sources is implementing central and centrally sponsored schemes namely, National Project on Biogas Development, National Programme on Improved Chulha, Solar Thermal Extension Programme, Solar Cookers, Wind Energy, Solar Photovoltaic, Biomass utilisation, Uriagram, Mini-Micro Hydel Development Programme through various State Governments and implementing agencies. Based on Non-conventional sources of energy, a total of 130.65 MW power generation capacity has so far been installed in the country.

(c) For implementation of various programmes, physical targets are allocated to different States and implementing agencies and in respective years and corresponding to the physical targets, funds are released. Status of scheme wise release of funds to various states during the last three years is given in Statement 'A'.

(d) The physical achievements for major programmes during the years 1990-91 and 1991-92 and proposed targets for 1992-93 are given in Statement 'B'.

STATEMENT 'A'

Status of Schemewise Release of Funds to various States During last three Years

(Rs. in crores)

S.No.	Scheme/Programme	1988-89	1989-90	1990-91
1	2	3	4	5
1.	National Project on Biogas Development	54.85	55.83	53.88
2.	Community/Institutional Biogas Plants	2.46	3.90	3.50
3.	National Programme on Improved Chulha	10.00	12.00	11.78
4.	Solar Thermal Extension Programme	3.73	5.16	6.40
5.	Solar Cooker Programme	0.32	0.44	0.26
6.	Solar Photovoltaic Programme, DNES	9.86	6.77	7.07
7.	Wind Energy Programme	5.25	5.37	5.57
8.	Urjagram Programme	0.41	0.36	0.54
9.	Mini-Micro Hydel Programme, DNES	4.92	—	1.28
10.	Biomass Gasifiers & Striling Engines		upto 1990-91	4.30

STATEMENT 'B'

Status of Schemewise Physical Achievements during 1990-91 and 1991-92 and Proposed Physical Targets, 1992-93

(Rs. in crores)

S.No.	Scheme/Programme	1990-91	1991-92 upto Dec. 1991	Proposed targets, 1992-93
1	2	3	4	5
1.	National Project on Biogas Development (Nos. in lakhs)	1.66	0.87	1.35
2.	Community/Institutional Biogas Plants (Nos)	112	53	50
3.	National Programme on Improved Chulhas (Nos in lakhs)	19.88	9.82	17.50
4.	Solar Thermal Extension Programme (collector area in M2)	33,210	15,438	30,000
5.	Solar Cooker Programme (Nos)	27,059	18,318	27,800
6.	Solar Photovoltaic Programme, DNES (capacity in KW)	300	50	350
7.	Wind Power (capacity in MW)	171	104	500
9.	Urjagram Programme (Nos)	19	13	25
10.	Mini-Micro Hydel Programme, DNES (Capacity in MW)	—	1.20	9.00
11.	Biomass Gasifiers & Stirling Engines (Capacity in MW)	0.80	0.50	—